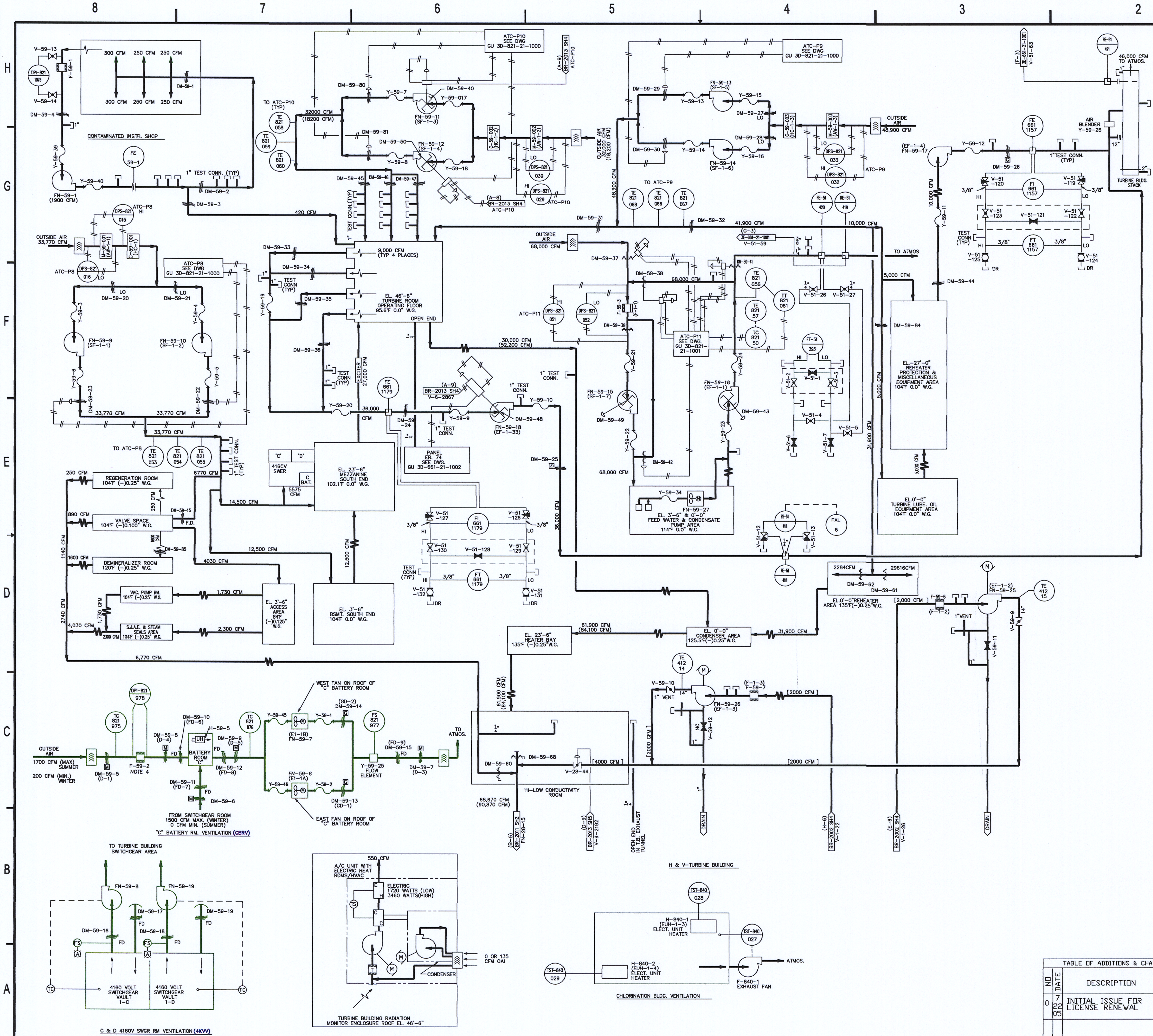
V-59-13
DPI-821 1078
F-59-1
V-59-14
DM-59-4
1"
300 CFM
250 CFM
250 CFM
DM-59-1
CONTAMINATED INSTR. SHOP
Y-59-39
FE 59-1
1" TEST CONN. (TYP)
Y-59-40
FN-59-1 (1900 CFM)
DM-59-2
DM-59-3
420 CFM
ATC-P8 HI
DPS-821 015
OUTSIDE AIR 33,770 CFM
M-59-001 (AW-1-1)
C-59-001 (HC-1)
ATC-P8
DPS-821 016 LO
ATC-P8 SEE DWG GU 3D-821-21-1000
LO DM-59-20
LO DM-59-21
Y-59-3
Y-59-4
FN-59-9 (SF-1-1)
FN-59-10 (SF-1-2)
Y-59-6
Y-59-5
DM-59-23
DM-59-22
33,770 CFM
TO ATC-P8
TE 821 053
TE 821 054
TE 821 055
1" TEST CONN. (TYP)
6770 CFM
250 CFM
REGENERATION ROOM 104°F (−)0.25" W.G.
250 CFM
DM-59-15
F.D.
890 CFM
VALVE SPACE 104°F (−)0.100" W.G.
1600 CFM
DM-59-85
1140 CFM
1600 CFM
DEMINERALIZER ROOM 120°F (−)0.25" W.G.
4030 CFM
12,500 CFM
14,500 CFM
VAC. PUMP RM. 104°F (−)0.25" W.G.
1,730 CFM
2740 CFM
4,030 CFM
2300 CFM
S.J.A.E. & STEAM SEALS AREA 104°F (−)0.25" W.G.
2,300 CFM
EL. 3'-6" ACCESS AREA 84°F (−)0.125" W.G.
6,770 CFM
TO ATC-P10 (TYP)
TE 821 058
TE 821 059
TE 821 060
32000 CFM (18200 CFM)
ATC-P10 SEE DWG GU 3D-821-21-1000
(A-9) BR-2013 SH4 ATC-P10
DM-59-80
Y-59-7
DM-59-40
Y-59-017
FN-59-11 (SF-1-3)
DM-59-81
DM-59-50
FN-59-12 (SF-1-4)
Y-59-8
Y-59-18
C-59-002 (HC-1-2)
M-59-002 (AW-1-2)
OUTSIDE AIR 32,000 CFM (18,200 CFM)
LO DPS-821 030
HI DPS-821 029 ATC-P10
(A-8) BR-2013 SH4 ATC-P10
DM-59-45
DM-59-46
DM-59-47
1" TEST CONN.(TYP)
DM-59-33
DM-59-34
1" TEST CONN (TYP)
DM-59-35
Y-59-19
9,000 CFM (TYP 4 PLACES)
EL. 46'-6" TURBINE ROOM OPERATING FLOOR 95.6°F 0.0" W.G.
OPEN END
DM-59-36
1" TEST CONN (TYP)
EXCITER 27,000 CFM
Y-59-20
36,000 CFM
FE 661 1179
DM-59-24
'C' 'D' 416CV SWER
C BAT.
5575 CFM
EL. 23'-6" MEZZANINE SOUTH END 102.1°F 0.0" W.G.
12,500 CFM
EL. 3'-6" BSMT. SOUTH END 104°F 0.0" W.G.
30,000 CFM (52,200 CFM)
(A-9) BR-2013 SH4 V-6-2867
1" TEST CONN.
Y-59-9
FN-59-18 (EF-1-33)
DM-59-48
Y-59-10
PANEL ER. 74 SEE DWG. GU 3D-661-21-1002
V-51-127
V-51-126
FI 661 1179
3/8"
HI
LO
V-51-130
V-51-128
V-51-129
TEST CONN (TYP)
FT 661 1179
V-51-132
V-51-131
DR
DM-59-25
36,000 CFM
ATC-P9 SEE DWG GU 3D-821-21-1000
DM-59-29
FN-59-13 (SF-1-5)
Y-59-13
Y-59-15
DM-59-27 LO
DM-59-28 LO
DM-59-30
Y-59-14
Y-59-16
FN-59-14 (SF-1-6)
C-59-003 (HC-1-3)
M-59-003 (AW-1-3)
OUTSIDE AIR 48,900 CFM
LO DPS-821 033
HI DPS-821 032
ATC-P9
48,900 CFM
TO ATC-P9
TE 821 068
TE 821 066
TE 821 067
DM-59-31
DM-59-32
41,900 CFM
FE-51 420
RE-51 419
10,000 CFM
(G-3) 3E-661-21-1001 V-51-59
OUTSIDE AIR 68,000 CFM
DM-59-37
DM-59-41
DM-59-38
68,000 CFM
TE 821 056
TT 821 061
TE 821 57
TC 821 50
V-51-26
V-51-27
TO ATMOS
ATC-P11
HI DPS-821 051
LO DPS-821 052
F-59-3 (F-1-1)
DM-59-39
ATC-P11 SEE DWG. GU 3D-821-21-1001
Y-59-21
FN-59-15 (SF-1-7)
DM-59-49
Y-59-24
FN-59-16 (EF-1-1)
DM-59-43
FT-51 393
V-51-2
V-51-1
V-51-3
V-51-4
V-51-5
V-51-6
V-51-7
Y-59-22
Y-59-23
DM-59-42
68,000 CFM
Y-59-34
FN-59-27
EL. 3'-6" & 0'-0" FEED WATER & CONDENSATE PUMP AREA 114°F 0.0" W.G.
FS-51 418
FAL 6
V-51-12
V-51-13
FE-51 418
5,000 CFM
31,900 CFM
DM-59-84
EL.-27'-0" REHEATER PROTECTION & MISCELLANEOUS EQUIPMENT AREA 104°F 0.0" W.G.
5,000 CFM
EL.0'-0" TURBINE LUBE. OIL EQUIPMENT AREA 104°F 0.0" W.G.
(F-3) 3E-661-21-1001 V-51-63
RE-51 421
46,000 CFM TO ATMOS.
AIR BLENDER Y-59-26
12"
2"
TURBINE BLDG. STACK
(EF-1-4) FN-59-17
Y-59-12
FE 661 1157
1"TEST CONN. (TYP)
DM-59-26
10,000 CFM
Y-59-11
V-51-120
V-51-119
FI 661 1157
V-51-123
V-51-121
V-51-122
FT 661 1157
V-51-125
V-51-124
DM-59-44
2284CFM
29616CFM
DM-59-62
DM-59-61
EL.0'-0"REHEATER AREA 135°F(−)0.25"W.G.
[2,000 CFM]
F-59-6 (F-1-2)
1"VENT
(EF-1-2) FN-59-25
TE 412 15
V-59-9
14"
V-59-11
61,900 CFM (84,100 CFM)
EL. 23'-6" HEATER BAY 135°F (−)0.25"W.G.
EL. 0'-0" CONDENSER AREA 125.5°F(−)0.25"W.G.
31,900 CFM
61,900 CFM (84,100 CFM)
TE 412 14
V-59-10
1" VENT
FN-59-26 (EF-1-3)
(F-1-3) F-59-7
[2000 CFM]
NC V-59-12
1"
[2000 CFM]
DM-59-60
DM-59-68
V-28-44
[4000 CFM]
HI-LOW CONDUCTIVITY ROOM
68,670 CFM (90,870 CFM)
(B-5) BR-2011 SH2 FN-28-15
(D-9) BR-2013 SH5 V-6-2192
OPEN END IN T.B. EXHAUST TUNNEL
DRAIN
(H-6) BR-2002 SH4 V-1-22
(E-6) BR-2002 SH4 V-1-26
DRAIN
H & V-TURBINE BUILDING
DPI-821 978
TC 821 975
OUTSIDE AIR
1700 CFM (MAX) SUMMER
200 CFM (MIN.) WINTER
DM-59-5 (D-1)
F-59-2 NOTE 4
DM-59-8 (D-4)
DM-59-10 (FD-6)
H-59-5
UH
BATTERY ROOM "C"
DM-59-9 (D-5)
DM-59-12 (FD-8)
DM-59-11 (FD-7)
DM-59-6
FROM SWITCHGEAR ROOM 1500 CFM MAX. (WINTER) 0 CFM MIN. (SUMMER)
"C" BATTERY RM. VENTILATION (CBRV)
TC 821 976
Y-59-45
WEST FAN ON ROOF OF "C" BATTERY ROOM
(E1-1B) FN-59-7
Y-59-1
(GD-2) DM-59-14
FS 821 977
FN-59-6 (E1-1A)
Y-59-46
Y-59-2
DM-59-13 (GD-1)
EAST FAN ON ROOF OF "C" BATTERY ROOM
Y-59-25 FLOW ELEMENT
(FD-9) DM-59-15
DM-59-7 (D-3)
TO ATMOS.
TO TURBINE BUILDING SWITCHGEAR AREA
FN-59-8
FN-59-19
DM-59-17
DM-59-19
DM-59-16
DM-59-18
FD
FS
A
TC
4160 VOLT SWITCHGEAR VAULT 1-C
4160 VOLT SWITCHGEAR VAULT 1-D
C & D 4160V SWGR RM VENTILATION (4KVV)
550 CFM
A/C UNIT WITH ELECTRIC HEAT RDMS/HVAC
ELECTRIC 1720 WATTS (LOW) 3460 WATTS(HIGH)
TS
0 OR 135 CFM OAI
CONDENSER
TURBINE BUILDING RADIATION MONITOR ENCLOSURE ROOF EL. 46'-6"
TST-840 028
H-840-1 (EUH-1-3) ELECT. UNIT HEATER
TST-840 027
ATMOS.
TST-840 029
H-840-2 (EUH-1-4) ELECT. UNIT HEATER
F-840-1 EXHAUST FAN
CHLORINATION BLDG. VENTILATION

NOTES:

1. ALL VALVES ON THIS SHEET ARE PREFIXED V-7 UNLESS OTHERWISE NOTED.
2. THIS DRAWING IS BASED ON BR-2009 SHEET 1 REVISION 43.
3. THIS DRAWING INCLUDES THE FOLLOWING LICENSE RENEWAL SYSTEMS:
   - CBRV – C BATTERY ROOM HEATING AND VENTILATION
   - 4KVV– 4160V SWITCHGEAR ROOM VENTILATION SYSTEM
4. FILTER ELEMENT IS PERIODICALLY REPLACED AND IS THEREFORE SHORT-LIVED AND NOT SUBJECT TO AGING MANAGEMENT REVIEW.

TABLE OF ADDITIONS & CHANGES

NO	DATE	DESCRIPTION	REV'D	CHK'D	APP'D
0	7 22 05	INITIAL ISSUE FOR LICENSE RENEWAL	JNV	CM	KPM

MECHANICAL

LICENSE RENEWAL DRAWING
TURBINE BUILDING
H & V
FLOW DIAGRAM

OYSTER CREEK
AmerGen

SHEET 1 OF 3 LR-BR-2009 REV 0

DWG.NO. LR-BR-2009 SH. 1 OF 3

D-27